

CLAIMS

What is claimed is:

- 5 63. A recording and playback system comprising:
 an audio capturing device configured to receive an analog input;
 an encoder coupled to said audio capturing device and configured to
 generate a digital signal based on said analog input; and
 a recognition engine coupled to said audio capturing device and
10 configured to generate text data based on said analog input, wherein said
 encoder and said recognition engine simultaneously generate said digital signal
 and said text data such that said digital signal and said text data can be provided
 in a synchronized manner.
- 15 64. The system as recited in Claim 63 further comprising a first switch
 coupled between said encoder and a memory sub-system and also between said
 recognition engine and said memory sub-system, said first switch configured to
 couple one of said encoder and said recognition engine to said memory sub-
 system and to simultaneously decouple the other one of said encoder and said
20 recognition engine from said memory sub-system.
65. The system as recited in Claim 64 further comprising:
 a decoder selectively coupled to said memory sub-system and configured
 to decode said digital signal into decoded audio data;
25 a digital-to-analog (D/A) converter coupled to said decoder and configured
 to convert said decoded audio data into an analog signal; and